

MARINCHENKO, N.I., SHEPTEKOV, Ya.B.; PICHUNOV, V.A.

Scale formation in ramjet engines. Khim. i tekhn. topl. i
masel 9 no.1:51-55 Ja '64. (MIRA 17:3)

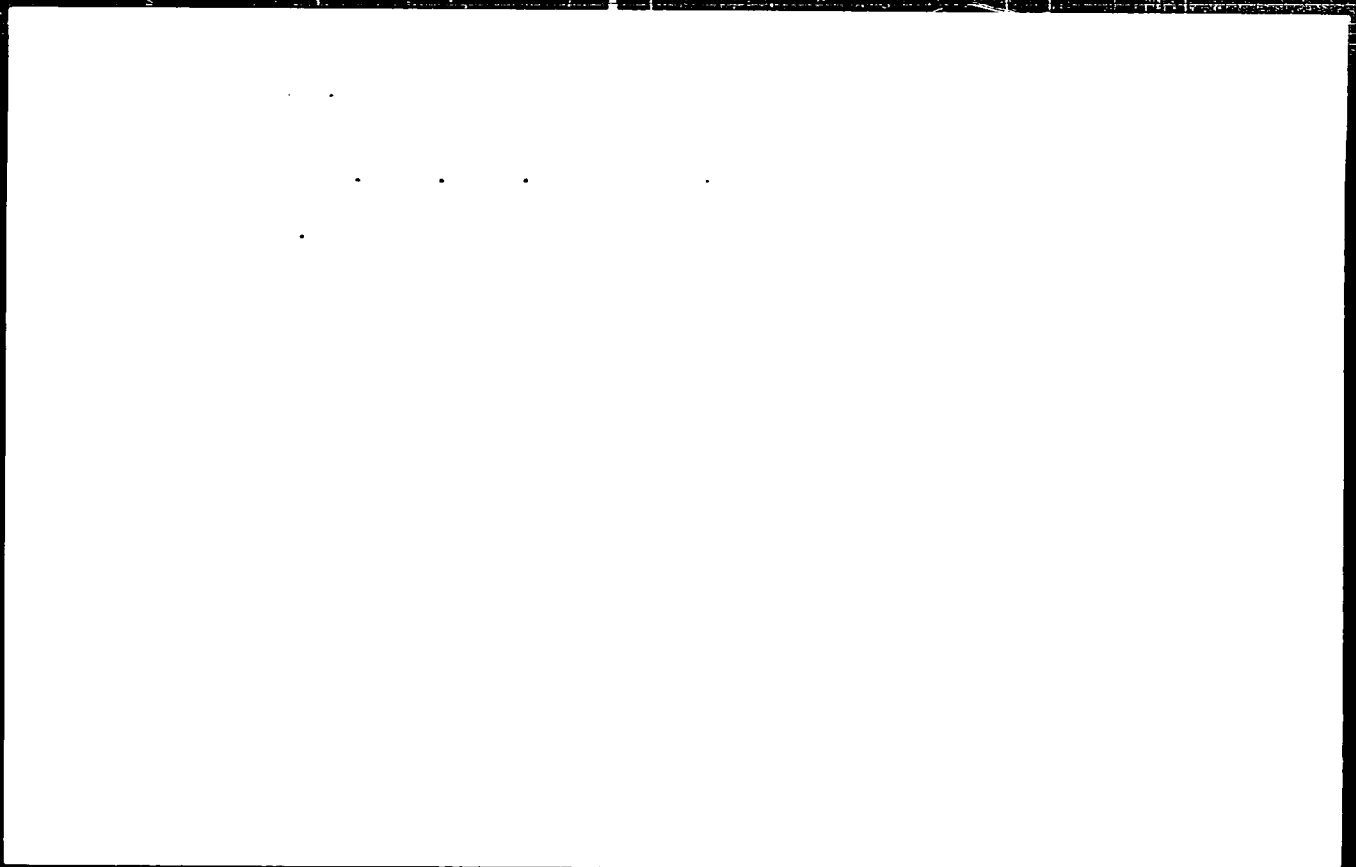
PISKUNOV, V.B.; REVIN, A.A.

Practice of specialized bakeries in making tarts, pastry and
cakes. Khleb.i kond.prom. 1 no.6:34-36 Je '57. (MLBA 10:8)

1.Kombinat mучnisto-konditerskikh izdeliy Moskovskogo gorodskogo
tresta khlebopecheniya.
(Cake) (Pastry)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001341



APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013411

FISAU.104, V.M.

GORDONOV, D.I., doktor geologo-mineralogicheskikh nauk, redaktor;
SLAVYANOV, N.N., redaktor; LANGE, O.K., professor, doktor
geologo-mineralogicheskikh nauk, sasluzhennyi deyatel' nauki
Usbeyskoy SSR, redaktor; KIVINSKIY, G.N., professor, doktor
geologo-mineralogicheskikh nauk, redaktor; PRIKLONSKIY, V.A.,
doktor geologo-mineralogicheskikh nauk, redaktor; MAKARENKO,
V.A., kandidat geologo-mineralogicheskikh nauk, redaktor;
PISKUNOV, V.M., redaktor; POLYAKOVA, T.V., tekhnicheskiy
redaktor.

Main stages of history of Russian hydrogeology. Trudy lab.
gidrogeol.probl. 7:3-382 '54. (MIRA 8:2)

1. Chlen-korrespondent Akademii nauk SSSR (for Slavyanov).
(Water, Underground)(Geology)

ACC NR: AP6034235

(N)

SOURCE CODE: UR/0120/66/009/005/0161/0166

AUTHOR: Bartenev, L. S.; Piskunov, V. S.

ORG: Scientific Research Radiophysics Institute GGU, Gor'kiy (Nauchno-issledovatel'skiy radiofizicheskiy institut GGU)

TITLE: High speed, high sensitivity pulse oscilloscope

SOURCE: Priory i tekhnika eksperimenta, no. 5, 1966, 161-166

TOPIC TAGS: oscilloscope, traveling wave tube, cathode ray tube, circuit delay line

ABSTRACT: A high speed oscilloscope for nanosecond pulses, using a traveling wave, a double spiral cathode ray tube and a separate trigger input is described. The sweep triggering synchronized with the occurrence of the event, as used in the conventional high speed oscilloscopes, is not suitable for nanosecond applications, because it causes partial loss of information due to unavoidable delays in the circuitry. For this reason, the new oscilloscope has a separate input for the external trigger and fast response circuitry in the trigger channel. The Y input is introduced into a phase-splitting symmetrical transformer constructed from coaxial cables enclosed in ferrite cores. This transformer introduces a minimum of distortion. The two out-of-phase signals are then fed into the two spirals in the control section of the traveling wave cathode ray tube. Magnetic focusing is used to produce a beam 0.1 mm in diameter. A built-in cal-

UDC: 621.317.755.3

Card 1/2

ACC NR: AP6034235

ibrator can generate test signals of 50, 200 and 500 MHz. A complete circuit diagram, a block diagram, a drawing of the phase-splitting transformer, and a photograph of a 20 nanosecond pulse, as it appeared on the screen, are included. A detailed description of the circuits and a brief survey of the state of the art is also presented. The authors thank G. V. Glebovich for useful comments during the development of the oscilloscope and I. V. Krasnitskiy for his participation in the construction and adjustment of the instrument. Orig. art. has: 4 figures.

SUB CODE: 09/

SUBM DATE: 10Nov65/

ORIG REF: 004/

CTH REF: 002

Card 2/2

TIKHONOV, Ivan Artem'yevich; SHCHEDRENOK, Vladimir Petrovich;
PISKUNOV, V.T., red.; BAZLOVA, Ye.M., ml. red.;
PONOMAREVA, A.A., tekhn. red.

[Main economic task and the technological progress in the
U.S.S.R.] Glavnaya ekonomicheskaya zadacha i tekhnicheskii
progress v SSSR. Moskva, Ekonomizdat, 1963. 246 p.

(MIRA 16:9)

(Technology) (Russia--Economic policy)

ZEFURIKOV, V.N.; ILIN, M.A.; KLASAVIN, N.N.; PISKUNOV, V.I.;
KOSIMOV, I.V.; SITKOVA, L.I.; TSIKOTO, I.A.;
KONOVALOV, L., red.; MUKHIN, Yu., tekhn. red.

[reader in agricultural economics] Kniga dlia chteniia po
ekonomike sel'skogo khoziaistva. Moskva, Politizdat,
1963. 287 p. (MIRA 17:1)

PISKUNOV, Vseiliy Trofimovich; TYAGAY, Ye., red.; KLIMOVA, T.,
tekhn.red.

[The state plan is the fundamental law of production] Gosu-
darstvennyi plan - zakon proizvodstva. Moskva, Gos.izd-vo
polit.lit-ry, 1960. 30 p. (MIRA 14:1)
(Industrial management)

RYBAKOV, Il'ya Samoylovich; PISKUNOV, V.T., red.; DEMENT'YEV, V.A.,
red.izd-va; VORONINA, R.K., tekhn.-red.

[The economic law of distribution according to labor; wages
under socialism. For the aid of teachers of special secondary
schools] Ekonomicheski zakon raspredeleniia po trudu; sara-
botnaia plata pri sotsializme. V pomoshch' prepodavateliam
srednikh spetsial'nykh uchebnykh zavedenii. Moskva, Gos.izd-vo
"Vysshnia shkola," 1960. 51 p. (MIRA 14:3)
(Wage payment systems)

KAMENITSER, Solomon Yefremovich; KONTOROVICH, Veniamin Gamsheyevich;
PISHCHULIN, Grigoriy Akimovich; PISKUNOV, V.^T; red.;
TROYANOVSKAYA, N., tekhn.red.

[Economics, organization, and planning of an industrial
enterprise] Ekonomika, organizatsiia i planirovanie pro-
myshlennogo predpriiatiia. Iss.2., perer. i dop. Moskva,
Gos.issd-vo polit.lit-ry, 1961. 711 p.
(Industrial management)

PISKUNOV, V. YA., Eng.

Dams

Earthwork technology in building dams for small reservoirs. Les. In: *Step' 1*, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PISKUNOV, V. YA., Eng.

Earthwork

Earthwork technology in building dams for small reservoirs. *Les i ster* 4, no. 1, 1960.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

PISKUNOV, V.Ya., inzhener.

Complete mechanization of earthwork in building and restoring low dams.
Mekh.stroi. 10 no.10:11-13 O '53. (MLHA 6:1)

(Earthwork) (Dams)

KARKHANOV, A.A. [author]; PISKUNOV, V.Ya., inzhener [reviewer].

A book with serious shortcomings: "Bulldozer operations." A.A. Karkhanov.
Reviewed by V.Ia. Piskunov. Mekh.trud.rab. 7 no.8:47 ag '53. (MLRA 6:8)
(Bulldozers) (Karkhanov, A.A.)

1. FISKUNOV, V. Ya.
2. USSR (600)
4. Earthmoving Machinery
7. Scraper work in constructing low earthen dams. Gidr. i mel. 4 no. 12: 1952

4. Monthly List of Scientific and Technical Information April

1. PISHCHENKO, V. Ya.
2. USSR (600)
4. Dams
7. Scraper work in construction low earthen dams. Gidr. i mel., 4, no. 12, 1952.

4. Monthly List of Russian Addresses. Library of Congress. April

1. Monthly List of Russian Assassinations

2. Monthly List of Russian Assassinations

3. Monthly List of Russian Assassinations - Monthly List of Russian Assassinations

4. Monthly List of Russian Assassinations - Monthly List of Russian Assassinations

PISKUNOV, Yegor

Miners creative activity is growing. Mast. ugl. 3 no. 9:3-4 S'54.
(MLBA 8:2)

1. Nachal'nik shakhty No. 17-bis kombinata Stalinugol'.
(Coal mines and mining)

1. The first of these is the fact that the

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SHLENSKAYA, V.I.; PISKUNOV, Ye.M.

Nature of the reaction of ruthenium with thiocyanate ions. Vest.
Mosk.un.Ser.2:Khim. 18 no.2:35-36 Mr-Apr '63. (MIRA 16.4)

1. Kafedra analiticheskoy khimii Moskovskogo universiteta.
(Ruthenium compounds) (Thiocyanates)

Пискачев, Я. С.

USKOV, A.A., geroy Sotsialisticheskogo Truda; DEGTYAREV, V.I.; POPOV, V.K.; GRACHEV, L.I.; KHIZHNYACHENKO, P.Ye.; KOZYUBERDA, A.P.; PISKUNOV, Ya. S., gornyy inzhener; SEDYKH, D.A.; SOROTOKIN, M.S.; DARCHIYA, L.V.; TANKILEVICH, A., gornyy inzhener.

Soviet miners celebrate Miner's Day with new achievements in production. Ugol' 29 no.8:5-20 Ag '54. (MIRA 7:8)

1. Glavnyy inzhener kombinata Rostovugol' (for Uskov).
 2. Upravlyayushchiy trestom Chistyakovantratsit (for Degtyarev).
 3. Upravlyayushchiy trestom Vakhrushevugol' (for Popov).
 4. Upravlyayushchiy trestom Molotovugol' (for Grachev).
 5. Nachal'nik shakhty "Zapadnaya-Kapital'naya" tresta Nesvetayantratsit (for Khizhnyachenko).
 6. Nachal'nik shakhty No.7 tresta Nesvetayantratsit (for Kosyuberda).
 7. Nachal'nik shakhty no.17-bis tresta Chistyakovantratsit (for Piskunov).
 8. Nachal'nik shakhty no.1 "TSentral'naya" tresta Krasnoarmayskugol' (for Sedykh).
 9. Upravlyayushchiy trestom Prokop'yevskshakhtostroy (for Sorotokin).
 10. Nachal'nik Stroyupravleniya No.2 tresta Tkvarchelshakhtostroy (for Darchiya).
 11. Ol'sherasskoye shakhtostroitel'noye upravleniye (for Tankilevich).
- (Coal mines and mining)

PISKUNOV, Ye.S., nachal'nik shakhty.

Mine no.17-b of the Chistiakovo Anthracite Trust introduces measures
for increasing labor productivity. Mekh.trud.rab. 8 no.3:10-12 Ap-May '54.
(MLRA 7:6)

(Chistiakovo--Coal mines and mining)

GAYDASH, I.M.; FISHUNOV, Ye.S.

Rated capacity of "Velikomskovskaya" Mine No.3 has been achieved ahead of time. Ugol' L.R. 5 no.11:4-12 N 71. (MIRA 14:11)

1. Nauchal'nik shakhty No.3 "Velikomskovskaya" tresta Chervonogradugol' kombinata Ukrzapidugol' (for Gaydash). 2. Zamestitel' glavnogo inzhenera po tekhnicheskim voprosam shakhty No.3 "Velikomskovskaya" tresta Chervonogradugol' kombinata Ukrzapidugol' (for Fishunov).

(Lvov--Polyn' Basin--Coal mines and mining--Labor productivity)

PISKUNOV, Yu.D., master; KOVALENKO, V.M., elektroslesar'

Release plug for MG-110 and VMD-35 switches. Energetik 11
no.1:16-17 Ja '63. (MIRA 16:1)
(Electric switchgear)

1. The first part of the document is a letter from the author to the editor.

2. The second part of the document is a letter from the editor to the author.

ACC NR: AP6009935

SOURCE CODE: UR/0118/65/000,011, - 22-23

AUTHOR: Plakunov, Yu. N. (Engineer); Shramko, Yu. S. (Engineer)

ORG: none

TITLE: A semiconductor multi-circuit time relay 25

SOURCE: Mekhanizatsiya i avtomatizatsiya proizvodstva, no. 11, 1965, 22-23

TOPIC TAGS: time relay, circuit design, transistorized circuit

ABSTRACT: The authors propose a simple time relay for the control of processes, requiring alternate switching-on with a time-interval accuracy of not more than $\pm 10\%$. The relay consists of a master oscillator, three frequency dividers, and a decoding unit to the output of which are connected time-sensor switches (designed to operate on a second, minute, and hour basis). The minimum time delay is 5 sec and the oscillation period of the multivibrator is 2.5 sec. The decoder is used to transform the binary code reading provided by the counter arrangement into the decimal code. Semiconductors of type P-16, P-13, and D9D (diode) are used in the relay. Collector circuits are fed with a voltage of 12 v received from a transistorized voltage stabilizing network. Bias circuits are driven by + 5 volts. The time relay was manufactured and has been operating in the laboratories of UKRNNIIKhIMMASH since 1962.

Card 1/2

UDC: 621.318.7

L 40847-66
ACC NR: AP6009935

Orig. art. has: 1 figure and 1 table.

SUB CODE: 09/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 000

Cord

2/21/76

INOV, Yu.M., inzh.; SHRAMKO, Yu.S., inzh.

Noncontact terminal switch. Mekh. i avtom. proizv. 17 no. 1. 1974.
D'63. (MIRA 1974)

L 07416-67 ENP(e)/ENT(m) WW/WH
ACC NR: APC030775 (A)

SOURCE CODE: UR/0363/66/002/009/1636/1645

AUTHOR: Bokin, P. Ya.; Korelova, A. I.; Piskunova, A. D.

ORG: Institute of Silicate Chemistry im. I. V. Grebenshchikov, Academy of Sciences,
SSSR (Institut khimii silikatov Akademii nauk SSSR)

TITLE: Kinetics of phase transformations and change in microstructure and mechanical properties during the pyroceraization of lithium aluminosilicate glass 15

SOURCE: AN SSSR. Izvestiya. Neorganicheskiye materialy, v. 2, no. 9, 1966, 1636-1645

TOPIC TAGS: glass property, silicate glass, catalyzed crystallization, ALUMINUM SILICATE

ABSTRACT: The purpose of the study was to determine the rate of formation and the stability limits of primary metastable phases during catalyzed crystallization of one of the compositions of lithium aluminosilicate glasses, to follow their transition to the state of equilibrium, and to identify the accompanying changes in the microstructure of crystallized glasses and their effect on the mechanical properties. Dilatometry, x-ray phase analysis, microscopy and electron microscopy were employed. It was found that the composition of the separating crystals is determined by the heat treatment conditions: a single heating of the glass causes the crystallization of metastable crystalline phases - lithium metasilicate and a β -eucryptite solid solution, which are stable even when exposed to high temperatures for long periods of time. In a double heat treatment, heating in the temperature range below t_g and then at high

Card 1/2

UDC: 666.1:542.65:541.12.017

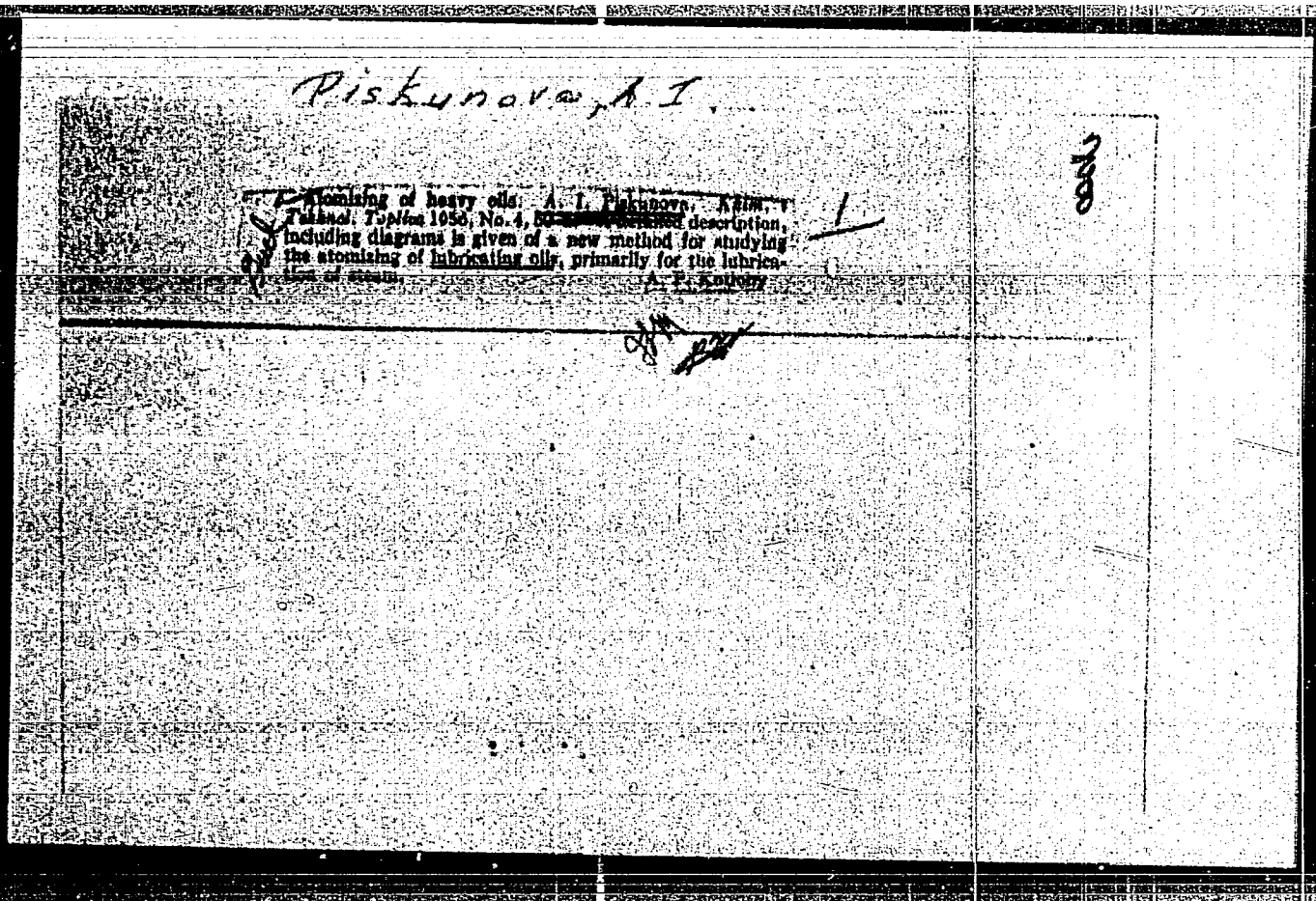
L 07416-67

ACC NR: AP6030775

temperatures causes the separation of metastable phases. In the case of primary heating at temperatures above t_g , conditions are created in the glass which promote a rapid transformation of the metastable phases into equilibrium ones. Depending upon the composition, form, size of the crystals and the degree to which they fill up the volume of the crystallized glass, a considerable change in its mechanical properties may take place. Orig. art. has: 8 figures and 1 table.

SUB CODE: 11/ SUBM DATE: 09Aug65/ ORIG REF: 007/ OTH REF: 004

Card 2/2 *pla*



PISKUNOVA, A-I

5154. ATTENUATION OF HEAVY OILS. Piskunova, A.I. (Khim. Tekhnol. Topлива (Chem. Technol. Fuel. Moscow), 1956, (5), 50-53; abstr. in Chem. Abstr. 1956, vol. 50, 13421). A detailed description, including diagrams is given of a new method for studying the atomizing of lubricating oils, primarily for the lubrication of steam.

G.A.

gmb

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2

PISKUNOVA, A.I.

Investigating the process of evaporation of heavy cylinder oils. Khim.i
tekh.tepl.no.4:50-55 Ap '56. (MIRA 9:9)
(Evaporation) (Lubrication and lubricants)

ZHAROVSKIY, F.G.; SHPAK, E.A.; PISKUNOVA, E.V.

Extraction-photometric determination of titanium by
means of N-benzoylphenylhydroxylamine. Ukr.khim.zhur.
28 no.9:1104-1106 '62. (MIRA 15:12)

1. Kiyevskiy gosudarstvennyy universitet im.
T.G. Shevchenko.

(Titanium—Analysis)
(Hydroxylamine)

ZHAROVSKIY, F.G.; SHPAK, E.A.; PISKUNOVA, E.V.

Conditions for the formation and extraction of benzoylphenyl
hydroxamate. Ukr.khim.zhur. 29 no.1:102-103 '63. (MIRA 16:5)

1. Kiyevskiy gosudarstvennyy universitet im. T.G.Shevchenko.
(Hydroxamic acid)

S/073/62/028/103/108 111
A057/A120

AUTHORS: Zhuravskiy, F. G., Shpak, E. A., Piskunova, E. V.

TITLE: Extractive and photometric determination of titanium by means of
N-benzoylphenylhydroxylamine

PERIODICAL: Ukrainsky khimicheskyy zhurnal, v. 20, no. 3, 1968, 114-117

TEXT: A photometric determination of titanium in the presence of zinc ions is described. The method is based on the formation of a complex with N-benzoylphenylhydroxylamine (befglaron) and extraction of the complex with chloroform. The complex of titanium with N-benzoyl-phenylhydroxylamine obtained at pH = 1 has a molar ratio of the components of 1 : 2 (i.e. apparently $TiO(C_{10}H_7O_2N)_2$) and, extracted with chloroform from a 2 N HCl solution, a ratio of 1 : 4 corresponding to the formula $Ti(C_{10}H_7O_2N)_4$. Absorption spectra of the reagent and of the titanium or zirconium complexes were investigated and the molar extinction coefficient of the titanium complex determined with $\epsilon_{355} = 5,200$. Qualitative experiments showed that chloroform solutions of corresponding complexes of aluminum, tin, antimony, tantalum, and tungsten reveal no absorption of light in the

Card 1/2

Extractive and photometric determination of titanium.

1.0 mg titanium
Acid/Aliq

visible spectrum, thus they do not disturb this colorimetric titanium determination. The maximum of absorption of the zirconium complex lies in the ultraviolet range. The colour of the extracted titanium complex in chloroform is stable for at least 5 hours. The following procedure is suggested: 10 ml of the solution to be analyzed (0.1 N corresponding to HCl or H_2SO_4), containing 0.12-1.0 mg titanium is mixed with 2 ml 5% alcoholic solution of N-benzyl-phenylhydroxylamine in a separating funnel. Subsequently 10 ml chloroform is added, shaken for 3-5 minute, and the extraction repeated with 1 ml of fresh reagent and chloroform (5 ml) until the extract is colourless. The colorless extracts are filtered into a calibrated flask (25 ml), filled to the mark with chloroform, and measured with a blue light filter in a colorimeter. The titanium content is determined by means of a calibration curve. There are 4 figures and 1 table.

ASSOCIATION: Kiyevskiy gosudarstvennyy universitet im. T. O. Shevchenko (Kiev State University imeni T. O. Shevchenko)

SUBMITTED: December 17, 1961

Card 2 2

PIBKOVA, G.A.; LEYKINA, F.I.; MERKALOVA, Z.I.

Some results of studying human tumors by virological methods.
Vop. virus.7 no.3:321-323 My-Je'62. (MIRA 16:P)

1. Otdel etiologii i patogeneza opukholey Instituta eksperi-
mental'noy i klinicheskoy onkologii AMN SSSR, Moskva.
(STOMACH--CANCER) (BREAST--CANCER)
(VIRUSES)

PISHKOVA, L.A.; YEREMINA, L.A.; ZHDANKO, V.

Two types of human cell differentiation in vitro. Pop.
virus. 1981.3.34-35. 2-3 p. 1/2. 1/2. 1/2.

1. Institut eksperimental'noy i klinicheskoy onkologii ANU
SSSR, Moskva.

(EAL W) (EAL W) (EAL W)

PISKUNOVA, G.A.; SHURIN, A.S.

Chick embryo culture of virus-like formations from human gastric polypi. Vop.onk. 4 no.1:3-11 '58. (MIRA 11:4)

1. Iz otdela etnologii opykholey (zav. - deystv. chlen AMN SSSR prof. A.D.Timofeyevskiy) Instituta eksperimental'noy patologii i terapii raka AMN SSSR (dir. - chlen-korrespondent AMN SSSR prof. N.N.Blokhin). Adres avtorov: Moskva, 3-ya Meshchanskaya d.61/2, korp.9.

(POLYPI,

stomach, isolation & cultivation in chick embryo of virus-like form. (Rus))

(STOMACH NEOPLASMS,

polypi, isolation & cultivation in chick embryo of virus-like form. (Rus))

(VIRUSES,

virus-like form. in human polypi of stomach, isolation & cultivation in chick embryo (Rus))

PISKUNOVA, G.A.; KOLMYKOVA, V.N. (Moskva)

Study of the common features of the antigenic composition of malignant tumors and polypi of the human stomach. Pat. fiziol. i eksp. terap. 4 no.3:36-39 My-Je '60. (MIRA 13:7)

1. Iz otdela etiologii opukholey (zav. - deystvitel'nyy chlen AMN SSSR prof. A.D. Timofeevskiy) Instituta eksperimental'noy patologii i terapii raka (dir. - deystvitel'nyy chlen AMN SSSR prof. N.N.Blokhin) AMN SSSR.

(STOMACH---CANCER)

PISKUNOVA, G.A.; SHUBIN, A.S.; KOLMYKOVA, V.N.

Method for a virological examination of the blood of leucosis patients.
Lab.delo 6 no.6:12-18 N-D '60. (MIRA 13:11)

1. Otdel etiologii opukholey (zav. - deystvitel'nyy chlen AMN SSSR
Prof. A.D.Timofeyevskiy) Instituta eksperimental'noy i klinicheskoy
onkologii AMN SSSR.
(LEUKEMIA)
(ANTIGENS AND ANTIBODIES)

PISKUNOVA, Iraina Anatoli'yevna; MASLOV, A.V., red. KHOMCHENKO, P.I.
red. izd-va; ROMANOVA, V.V., tekhn. red.

[German-Russian geodetic dictionary] Nemetsko-russkii geodezicheskii
slovar'. Moskva, Izd-vo geodez. it-ry, 1961. 291 p. (MIRA L. 12)
(German language--Dictionary--Russian) (Geodesy--Dictionaries)

WADSWORTH, J. S.; L. V.

Study of calcium metabolism and the effect of vitamin D.
in the larval ascaris of laboratory animals. Study
Col'm. Lab. 15:67-78 '65 (NITA 19:1)

THE UNIVERSITY OF CHICAGO

[illegible]

• Специально по данному вопросу не назначено еще одного члена комиссии.

PISKUNOVA, N.G. (Gor'kiy)

Some data on rheumatic lesions of the brain. Klin.med. 1957:
149-150 S 157. (MIRA 10:11)

1. Iz kafedry gosspital'noy terapii (ispolnyayushchiy obyazannosti zav.
kafedroy - prof. N.K. Akatov) Gor'kovskogo meditsinskogo instituta
na baze Oblastnoy bol'nitsy imeni Semashko (glavnyy vrach - zaslužhen-
nyy vrach respubliky K.I. Kuznetsov)

(RHEUMATISM, pathol.
brain)

(BRAIN, pathol.
in rheum.)

PISNYACHINS'KIY, D.P.

~~Forty victorious years.~~ Mekh. sil'. hosp. [R] no.12:6-7 D '57.

(MIRA 10:12)

1. Golova vikonkomu Kharivs'koi oblasnoi Radi deputativ trudyashchikh.
(Kharkov Province--Economic conditions)

PISKUNOVA, E.D. (Gor'kiy, ul. Piskunova, d.3, kv. 137)

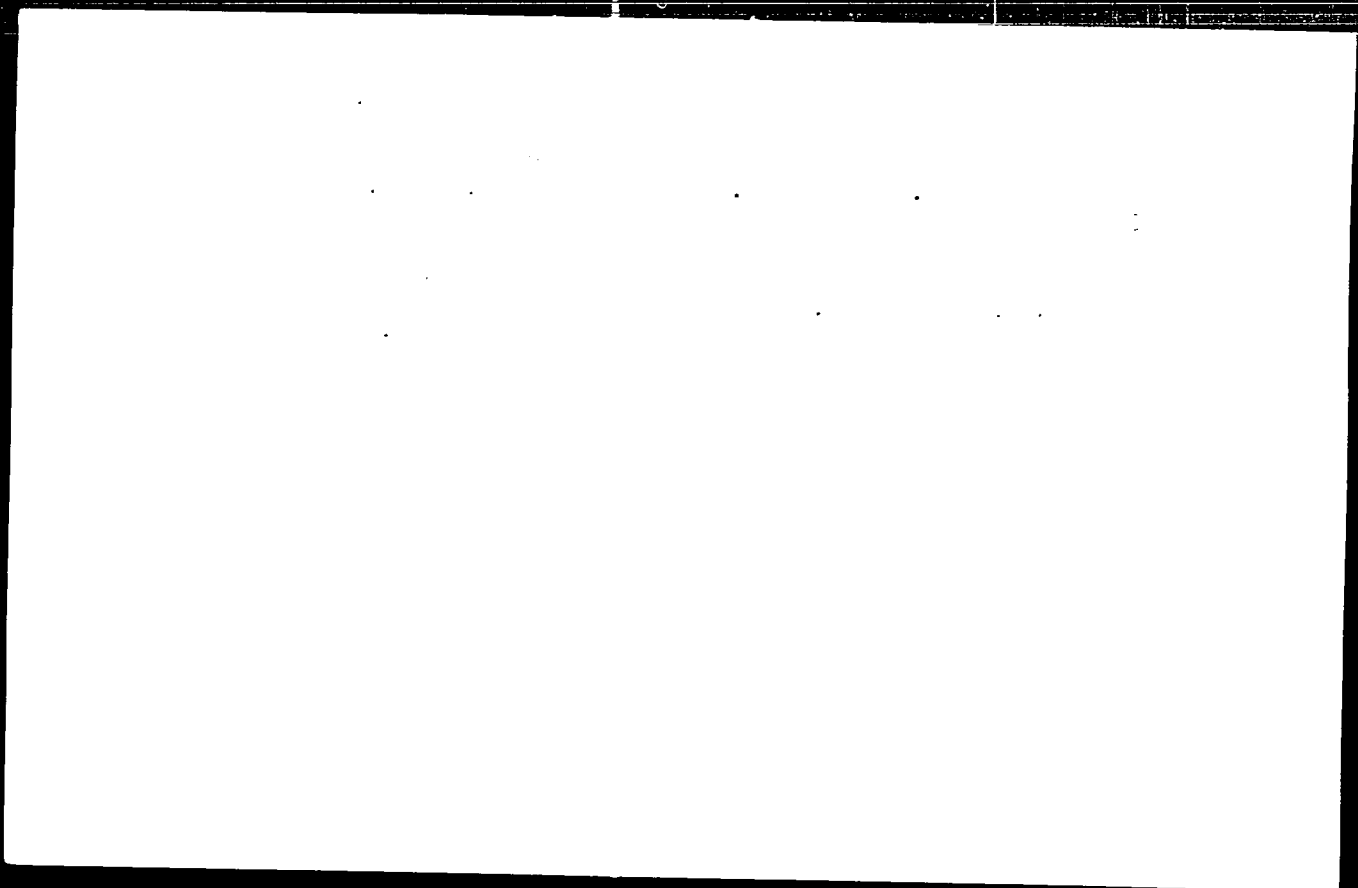
Nerve endings in the palatine tonsils in man and in certain animals.
Arkh.anat.gist. i embr. 33 no.1:67-68 Ja-Mr '56 (MIRA 12:1)

1. Iz kafedry gistologii (zav. - dots. kand.biol. nauk A.O Kiselev)
Gor'kovskogo meditsinskogo instituta im. S.M. Kirova.

(NERVE ENDINGS,
tonsils (Rus))
(TONSILS, innervation,
nerve ending (Rus))

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UMNOVA, M.A.; AGRANENKO, V.A.; ICHALOVSKAYA, T.A.; PISKUNOVA, T.M.;
KAVESHNIKOVA, B.F.

Sensitization to Duffy factor (F_y^d) as a cause of blood transfusion
complication with the development of acute renal failure. Probl.
gemat. i perel. krovi 9 no.5:52-55 My '64. (MIRA 18:3)

1. Tsentral'nyy ordena Lenina institut gematologii i perelivaniya
krovi (dir.- dotsent A.Ye. Kiselev), Moskva.

PISCHINOV, V., Editor: Article

Arbitrary number. Key. No. 5112-13 My 1965.

(MARA . F. 6.)

NUM-NIA/ Chemical Technology - Chemical Products and Their
Application - Safety Engineering - Military
Engineering

As Chair: Ref. Chur-Khiz... 1977, 4-777

Chairman: Fiskulova V. G., Gerasimovskaya V. G., Kuritskaya V. G.
Nerubinskaya V. I., Prigodina V. I., Prigodina V. I., Prigodina V. I.

Chairman: Gerasimovskaya V. G., Kuritskaya V. G., Nerubinskaya V. I., Prigodina V. I., Prigodina V. I., Prigodina V. I.

Chairman: Gerasimovskaya V. G., Kuritskaya V. G., Nerubinskaya V. I., Prigodina V. I., Prigodina V. I., Prigodina V. I.

Chairman: Gerasimovskaya V. G., Kuritskaya V. G., Nerubinskaya V. I., Prigodina V. I., Prigodina V. I., Prigodina V. I.

Chairman: Gerasimovskaya V. G., Kuritskaya V. G., Nerubinskaya V. I., Prigodina V. I., Prigodina V. I., Prigodina V. I.

PEKUNOVA, V. A.

2
10946* Formation of Complex Silver Bromides in Solutions. (Russian.) K. S. Litalov and V. A. Pekunova. *Zhurnal Fizicheskoi Khimii*, v. 28, no. 1, Jan. 1954, p. 127-134. Activity coefficients and equilibrium constants. Tables, graphs. 5 ref.

11-8-54

PISKUNOVA, V. N.

USSR/Chemistry - Solubility

Card 1/1

Authors : Lyalikov, K. S., and Piskunova, V. N.

Title : An Equation for Calculating the Solubility of Silver Bromide in Ammonia.

Periodical : Zhur. Fiz. Khim. Vol. 28, Ed. 4, 595-600, Apr 1954

Abstract : The activity of $\text{Ag}(\text{NH}_3)_2$ coefficients in the presence of potassium Bromide concentrations, and solubility of bromide silver in ammonia in the presence of various concentrations of potassium bromide, is calculated. Nine references; tables; graphs.

Institution :

Submitted : April 4, 1953

PISKUNOVA, V. N.

LYALIKOV, K.S.; PISKUNOVA, V.N.

Equation for the solubility of silver bromide in ammonia. Zhur.
fiz.khim. 28 no.4:595-600 Ap '54. (MIRA 7:8)
(Solubility) (Silver bromide)

Piskunova, V. N.

62
 Formation of complex bromides of silver in solutions.
 K. S. Lyalikov and V. N. Piskunova. *Zh. Fiz. Khim.* 28,
 127-34 (1954); cf. *Chem. Abstr.* 49:4971c. The soly. of AgBr in aq.
 NH₄Br (I) and KBr (II) solns. of various concns. was meas-
 ured at 25° in order to det. the compn. of the resulting com-
 plex AgBr₂ (III), the latter is the bivalent anion (AgBr₂)⁻ (III).
 The equl. const., defined as $(a_{AgBr_2})/(a_{Ag}a_{Br})$, where a is
 the activity of the given substance, were 7.78, 3.84, 3.18,
 19.22, 4.24, and 12.7×10^{-4} in 0.09, 1.08, 3.88, 7.84, 14.34,
 and 37.90×10^{-4} M II soln., resp., and 3.76, 3.33, 3.48,
 3.61, and 13.30×10^{-4} in 1.68, 3.84, 7.94, 14.30, and 27.78
 $\times 10^{-4}$ M I soln., resp.; M was K and NH₄, resp. The
 activity coeff. (γ) of 1.2 M K₂AgBr₂ and 1 M (NH₄)₂AgBr₂
 are 0.352 and 0.320, resp. The γ of III in 1 M solns. of I and
 II are 0.126 and 0.123, resp. J. W. Lowenberg, Jr.

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PISKUNOVA, V. N.

Equation of Solubility of Silver Bromide in Ammonia. K. S. LYALOV and V. N. PISKUNOVA. *Zhur. Fiz. Khim.*, 1954, 28, 595-600. The solubility of silver bromide in 1% ammonia containing potassium bromide was measured at several temperatures. Data are tabulated for concentrations of potassium bromide from 0.01 to 1.5 molar. The tabulated activity coefficient of the $\text{Ag}(\text{NH}_3)_2^+$ ion varies from 0.764 (potassium bromide 0.01 molar) to 0.0743 (0.8 molar). H.G. (based on *Chem. Abs.*)

2180. Photographic Emulsions. C. N. Lindhqvist and V. N. ~~Pharmazie~~ *Arch. Physiol.*, 6, 2 pp. 225-240, 1938. In English.
A simple method is worked out for determining the solubility of AgBr during emulsion formation. It is determined at various temperatures and in various concentrations of KBr both in the absence and the presence of NH₃. The data obtained are compared with the values yielded by the gravimetric method and with the results of other authors. It is shown that on increasing the concentration of KBr, the solubility of AgBr in the presence of NH₃ at first rapidly decreases, then remains almost constant and finally with high concentrations of KBr, again increases. It is shown that gelatin does not strongly affect the solubility of AgBr but that KNO₃ increases it especially at low concentrations of KBr.

Authors

CIA-RDP86-00513R0013411

Physicochemical investigation of photographic emulsions. K. S. Lyalikov and J. Piskunova. *Acta Physicochem. U.R.S.S.* 4, 325-40 (1936). The soly of AgBr in various AgBr-KBr-NH₄OH-KNO₃ gelatin systems was detd. both gravimetrically and volumetrically, with good agreement between the equil. values obtained from both sides. An ultramicroscope was used to observe ppt. formation and disappearance. The solubilities of AgBr in dil. KBr solns fall on an extension of Helling's curve. *Z. anorg. allgem. Chem.* 25, 183 (1936) obtained at high concns. Without NH₄OH, KBr addition beyond 0.01 M immediately increases the soly of AgBr but in the presence of 1 M NH₄OH at 25°, 35° and 45° the soly of AgBr and KBr decreases from 1.21, 1.34 and 2.22 x 10⁻⁴ in 0.01 M KBr to 52, 60 and 90 x 10⁻⁴ at 0.01 M and to 27, 30 and 58 x 10⁻⁴ in 0.1 M and then increases to 58, 60 and 81 x 10⁻⁴ at 0.8 M and to 237, 248 and 375 x 10⁻⁴ at 1.0 M KBr. Addition of KNO₃ increases the soly of AgBr, but gelatin (1%) seems to be without effect or to cause a somewhat decreased soly. The data cannot be satisfied by the assumption of an Ag(NH₄)₂⁺ complex since the constant K for this complex ion falls considerably with increasing Br⁻ concn. E. H. Rathmann.

LYALIKOV, K.S.; PISKUNOVA, V.N.

Microphotographic investigation of developing processes. Usp.
nauch.fot. 3:168-173 '55. (MLA 9:1)
(Photographic chemistry)

PISKUNOVA, V. N.

Photo
Clean.

✓ Photomicrographic study of the process of development.
K. S. Lyalikov and V. N. Piskunova. *Uspehi Nauch.*
- *Fiz. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk* 3, 168-73
(1968).—An electron-microscope method was developed to
study the speed of growth of separate Ag crystals during de-
velopment. At the start of development they grow rapidly,
then more slowly. In a developer contg. much sulfite the
emulsion does not dissolve markedly. The character of the
destruction of emulsion grains does not depend on the sulfite
in the developer.
Barilla Mayerle

GA

①

PISKUNOVA V.N.

USSR

Equation of stability of silver halides in aqueous solution. J. W. Loveberg and V. N. Piskunova. *J. Am. Chem. Soc.* 81, 10, 1959, 4811-4814. The rate of AgBr solubility was measured at several temperatures. Data are tabulated for concns. of KBr from 0.01 to 1.0M. Calcd. values at 25, 35, and 45° of K_{sp} are 2.54×10^{-10} , 3.19×10^{-10} , and 3.01×10^{-10} , resp., whereas those of K_{sp} are 2.54×10^{-10} , 3.19×10^{-10} , and 3.01×10^{-10} , resp., where K_{sp} is $(a_{Ag^+} a_{Br^-})/a_{AgBr}$ and a is activity. The tabulated activity coeff. of the Ag⁺ ion varies from 0.781 (KBr concn. 0.01M) to 0.0743 (KBr concn. 0.8M).

J. W. Loveberg, Jr.

PISKUNOVA, V.N.

USSR/Chemistry

Card 1/1 Pub. 147 - 18/26

Authors : Lyalikov, K. S., and Piskunova, V. N.

Title : Formation of complex silver bromides in solutions

Periodical : Zhur. fiz khim. 28/1, 127-134, Jan 1954

Abstract : The composition of a complex AgBr_3 ion, which forms preferably during the solution of AgBr in NH_4Br and KBr solutions was investigated to determine the activity coefficients of complex bromides in solutions. The equilibrium constants in the equations describing the formation of complex silver bromides (K_2AgBr_3 and $(\text{NH}_4)_2\text{AgBr}_3$), were determined. The solubility of AgBr in bromide solutions of one and the same concentration but containing different amounts of NaNO_3 due to which their ion force is different, was investigated and the results are tabulated. Five references : 3-USSR and 2-German (1900-1949). Tables; graphs.

Institution :

Submitted : April 4, 1953

PISKUNOVA, Y.G.; AMATOVSKAYA, V.S.; GRUTEN', M.D.; NERUBENKO, A.B.
(Khar'kov)

Observations of the state of health of persons working with high-frequency electromagnetic fields. Gig.truda i prof.zab. 1 no.6: 27-30 N-D '57. (MIRA 11:2)

1. Klinika Ukrainskogo instituta gigiyeny truda i profzabolevaniy
(ELECTROMAGNETISM--PHYSIOLOGICAL EFFECT)
(ELECTRIC INDUSTRY WORKERS--DISEASES AND HYGIENE)

PISKUNOVA, V.G., nauchnyy sotrudnik; ANATOVSKAYA, V.S., nauchnyy sotrudnik;
KOROTKOVA, G.D., nauchnyy sotrudnik; NEBURENKO, A.B., nauchnyy
sotrudnik; DANILOV, V.I., nauchnyy sotrudnik; ERMAH, M.I., nauchnyy
sotrudnik; YERMINA, Z.I., nauchnyy sotrudnik

Industrial hygiene in the production and use of benzanthron. Gig.
i san., 21 no.7:22-26 J1 '56. (MIRA 9:9)

1. Iz Ukrainskogo tsentral'nogo instituta gigiyeny truda i
professional'nykh zabolevaniy

(ANTHRACENE, rel. cpds.

benzanthrane-7-one, inj. eff. in indust.)

(INDUSTRIAL HYGIENE

benzanthrane-7-one poiss.)

PISKUNOVA, V.G.. kand.med.nauk; OSTROVSKAYA, I.S., kand.med.nauk
(Khar'kov)

Case of beryllium pneumosclerosis. Vrach.delo no.7:97-99 J1 '60.
(MIRA 13:7)

1. Ukrainskiy nauchno-issledovatel'skiy institut gigiyeny truda
i professional'nykh zabolevaniy.
(LUNGS--DUST DISEASES) (BERYLLIUM--TOXICOLOGY)

PISKUNOVA, V. . (Khar'kov)

Dynamics of the spread of hypertonia among machinery industry workers. Vrach. delo no.11:114-116 N '61. (MIA 14:11)

1. Klinika Ukrainського instituta gigiyeny truda i profzabolevaniy. Nauchnyy rukovoditel' prof. S.D.Reyzel'man [deceased].
(HYPERTENSION)

(MACHINERY INDUSTRY WORKERS—DISEASES AND HYGIENE)

DISKINAYA, V.G.

✓ Industrial hygiene in production and use of benzanthrone.
V. G. Piskunova, V. S. Anatovskaya, G. D. Korotkova,
A. B. Nerubenko, V. I. Danilov, M. I. Kirman, and Z. I.
Brenina. *Gigiena i Sanit.* 21, No. 7, 22-6 (1980).--Clinical
symptoms of toxic effects of contact with benzanthrone and
its vapors are described in detail. Dermatitis, dark skin
coloration, disturbances of nervous system, and apparent
disruption of vitamin metabolism are the results of such
intoxication, which occurs predominantly through the lungs.
G. M. Kosolapov

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Med

W. J. R. N. A.

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L 15343-66 ENT(n)/ENP(j) RM

ACC NR: AP0000943

SOURCE CODE: UR/0286/65/000/022/0028/0028

AUTHORS: Malakhov, V. I.; Palitayn, N. P.; Piskunova, Ye. M.

ORG: none

TITLE: A method for obtaining ferrocene. Class 12, No. 176293^{1/2}

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 28

TOPIC TAGS: ferrocene, iron compound, organometallic compound, organoiron compound

ABSTRACT: This Author Certificate presents a method for obtaining ferrocene by reacting anhydrous ferrous chloride, diethylamine, and cyclopentadiene, and by subsequent separation of the product. To simplify the method, the process is carried out in the presence of excess diethylamine. The product is separated by steam distillation and washed with boiling distilled water. The anhydrous ferrous chloride is obtained by heating hydrated ferrous chloride in vacuum at 160C.

SUB CODE: 07/ SUBM DATE: 08Oct63

11/

BC

Cord 1/1

UDC: 547.419.6'172.07

GITIS, S.S.; PISKUNOVA, Zh.P.

Reactions of aromatic nitro compounds. Part 12: New method of
preparing alkyl ethers of 2, 4-dinitrothiophenol. Zhur.ob.khim.
31 no.10:3400-3401 0 '61. (MIRA 14:10)

1. Dnepropetrovskiy gosudarstvennyy universitet.
(Nitro compounds)

PISKYTI, Jaromir

The 7546-12 and its automatic leather stacking machine
Kozarstvi 15 no 2:43-45 5 1965.

1. Research Institute of leather, Utrck vize.

V. PILL, M. Curves in the Gauss plane. I, II, III. Pokro-
ky Mat. Fys. Astr. 2 (1957), 4-13; 144-156; 271-284.
(Czech)

CC
//
The author presents an account of plane coordinate
geometry in which the Cartesian coordinates x, y are
eliminated in favour of $z=x+iy, \bar{z}=x-iy$. Part I deals
with the straight line, Part II with the conic sections in
standard forms, and Part III with the general equation
of the second degree. Homogeneous coordinates are also
considered.

F. V. Atkinson (Canberra)

2
1 - F/W

1. The first of the two main parts of the report is a description of the results of the experiments. The second part is a discussion of the results and a comparison with the results of other experiments.

PISL, Milan

Some global properties of coplanar motion. Strož čas 12. 11. 61.
279-291 '61.

1. Elektrotechnická fakulta, České vysoké učení technické, Praha.

(Motion)

FISL, M.

Curves in Gauss' plane. (To be contd.) p. 16.
(Pokroky Matematiky, Fyziky a Astronomie, Vol. 1, no. 1, 1947. Praha,
Czechoslovakia)

SO: Monthly List of East European Acquisitions (1947-1948), Vol. 1, no. 1, 1st. or 1st. 1st. 1st.

LIMITED", G., Ing.; PISLARASU, G., Ing.-sef; KILA, G.; CALSAN, V., Ing.

Appeal to the designing Institutes. Constr Buc 16 nr. 211.
21 Mr '64.

1. Institutul "Proiect-Bucuresti" (for Pislarasu).
2. Director, in Ministerul Economiei Forestiere (for Calsan).

PISLARASU, I., ing.; AGENT, V., arh.; MACCHI, E., arh.; MARCOVICI, A.,
ing.; B. ALIANI, M., ing.; REANO, I., ing.; ALBUZAN, I.,
ing.

Construction of apartment houses with many stories achieved
by gliding shuttering in Bucharest. Rev constr si mat constr
15 no. 12: 610-617 D '63.

PISLARAST, I., Ing.

A new source of water supply for the summer resort, along
the Rumanian Littoral of the Black Sea. Hidrotehnica
7 No.3:73-75 Mr '62.

PISLARASU, I., ing.; OTTONE, R., ing.

Present technique for the detection of losses in water conduits.
Idrotecnica 6 no.2:51-56 F '62.

SECRET

TOP SECRET

For the purpose of this document, the following definitions apply:

1. "TOP SECRET" is defined as information the disclosure of which would be likely to result in the identification of sources, methods, or other information of a confidential nature.

2. "SECRET" is defined as information the disclosure of which would be likely to result in the identification of sources, methods, or other information of a confidential nature.

10-1011A

POPILIU, G., Prof. Dr.; 1910-1970, 1, Pharmacist; 1970-1971, Pharmacist; 1971-1972, Pharmacist; 1972-1973, Pharmacist.

School of Pharmacy, Faculty of Medicine of Salento University
(Facultatea de Farmacie, Universitatea de Medicina si Farmacie
Salonica) - (Romania)

Bucharest, 1971-1972, 1973-1974, 1975-1976

"The Use of Pharmacological Agents in the Treatment of
Pharmaceutical Products and in Solutions."

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~~CONFIDENTIAL~~
CONFIDENTIAL

1. The purpose of this report is to provide a summary of the information received from the various sources of intelligence regarding the activities of the Cuban Revolutionary Council (CRC) in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

2. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

3. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

4. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

5. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

6. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

7. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

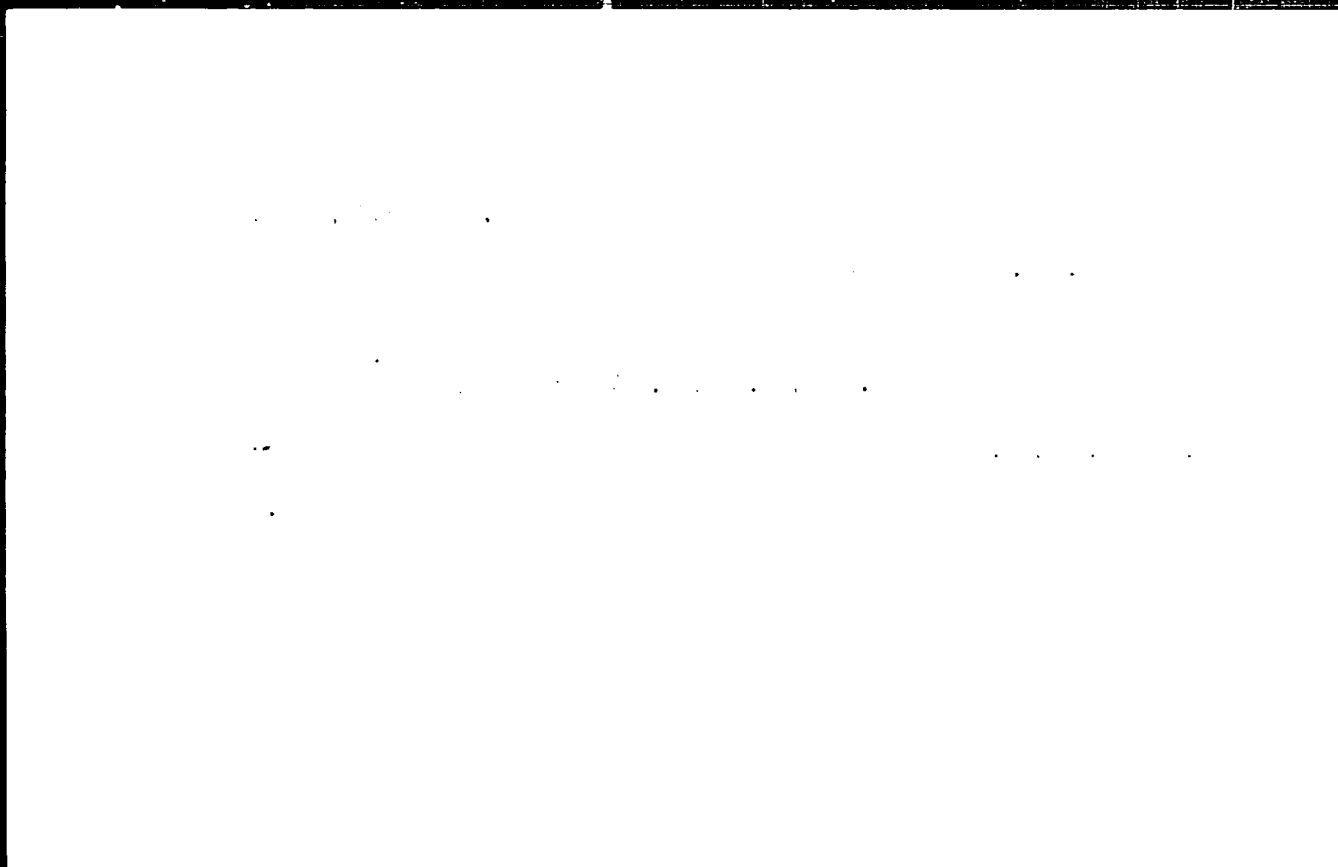
8. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

9. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

10. The information was obtained from a confidential source who has provided reliable information in the past. The source has provided information regarding the activities of the CRC in the United States and the Caribbean. The information was obtained from a confidential source who has provided reliable information in the past.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001341



APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013411

PLATE, A.

Drilling mine holes with slugs. p. 7. *TEHNIKA* n. 1 (Anuarul
Stiintific a Inginerilor si Tehnicienilor. Bucuresti. Vol. 3, No. 35,
Jan. 195

So. East European Accessions List Vol. 3, No. 35 September, 195

PISLARU, Nicolae

Trade-union organization in a school in the city of Braila.
Munca sindic 6 no.4:16-19 Ap '62.

1. Presedinte al comitetului sindicatului de sectie, Scoala Medie nr. 1, Braila.

Acoustics - Noise

J-1

Source : Ref Zhur - Fizika, No 4, 1959, No 6944

Author : Pislaru V.

Instit : -

Title : Data on the Harmful Effect of Industrial Noise

Orig Pub : Igiena, 1958, 7, No 3, 23-24

Abstract : No abstract

Card : 1/1

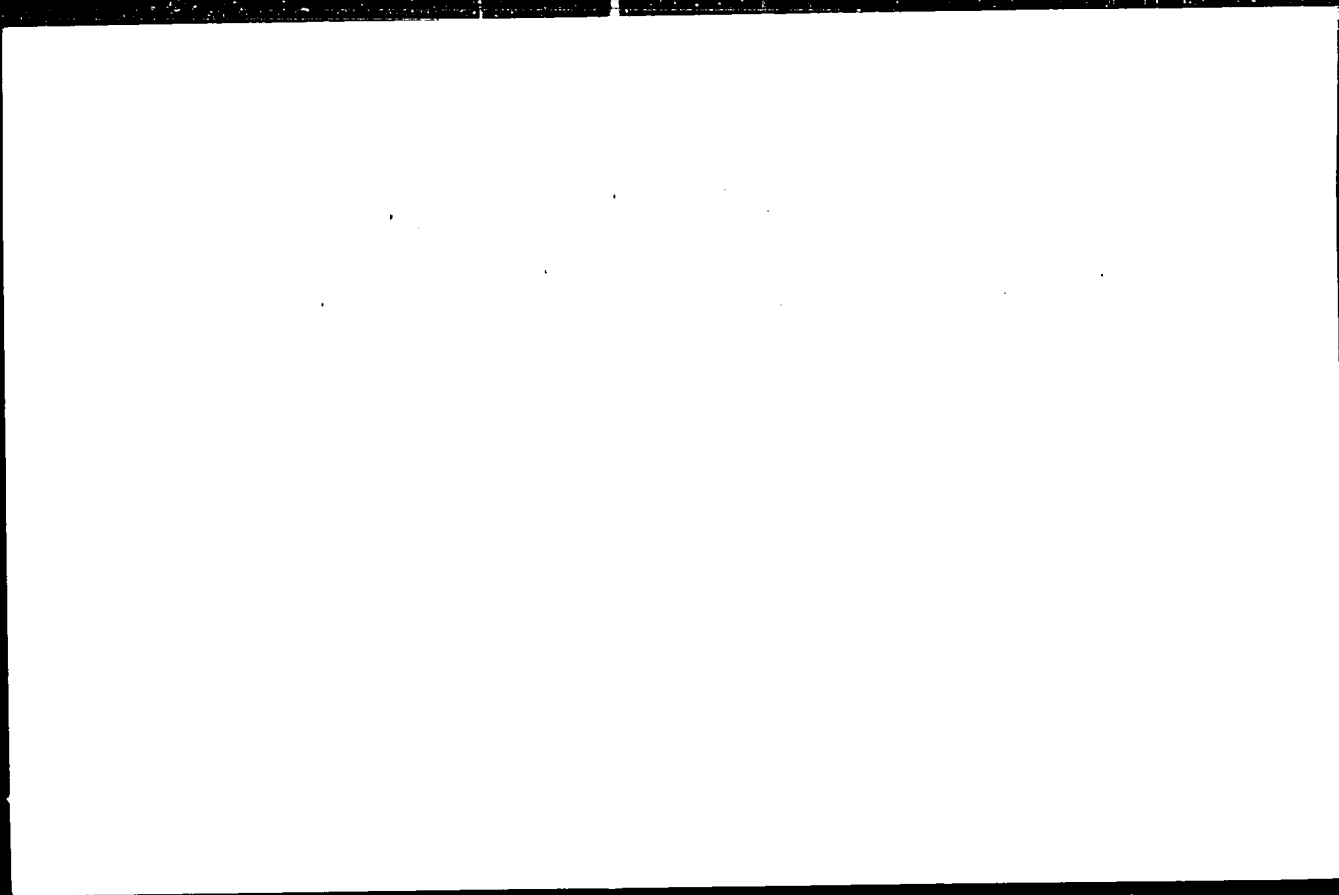
70

PISLEGIN, A. ... prof.; KHARCHENKO, L., red.

[Effect of mineral waters on the human body] Vliianie
mineral'nykh vod na organizm cheloveka. Stavropol', Stavropol'-
skoe knizhnoe izdatel'stvo, 1964. 63 p. (MIRA 18:5)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001341



APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0013411

"PISLEGIN, A.K.

Influence of radon waters during internal use on the basic functions of the organs of the digestive system. Vop. kur., fizioter. i lech. fiz. kult. 26 no.5:426-430 S-O '61. (MIA 14:1)

1. Iz eksperimental'nogo otdela (zav. - prof. A.K.Pislegin)
Bal'neologicheskogo instituta na Kavkazskikh Mineral'nykh Vodakh
(dir. - dotsent I.S.Savochenko).
(DIGESTIVE ORGANS) (RADON-THERAPEUTIC USE)

PISLEGIN, A.K.

Influence of saline-alkaline water from the Nagutskaya well on the main functions of the digestive organs. Vop. kur., fizioter. i lech. fiz. kul't. 26 no.3:219-222 My-Je '61. (MI A 14:7)

1. Iz eksperimental'nogo otdela (zav. - doktor meditsinskikh nauk A.K.Pislegin) Bal'neologicheskogo instituta na Kavkazskikh Mineral'nykh Vodakh (dir. - dotsent I.S.Savoshchenko).

(STAVROPOL TERRITORY—MINERAL WATERS)
(DIGESTIVE ORGANS)

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PISLEGINA, Ye.A.

Using hydrochemical methods in prospecting for chalcopyrites. Mat.
po geol. i pol.iskop.IUzh.Urals no.1:79-91 '56. (MLRA 10:3)
(Chalcopyrite) (Geochemical prospecting)

PISLER, Edo, ing. (Ljubljana)

The transistor transformers. Elektr vest 28 no.8/10:202-208 '60.

1. Industrija za elektroizveze, Ljubljana, Linhartova 35.

PISLER, Edo, inz. (Ljubljana)

Transistorized **punch-pull converter**. Elektr vest 49. 1961.
'61.

1. Zavod za avtomatizacijo, sektor II, Ljubljana, urzadje ..

14:07

0 14, 12, 007, 90 196 146
0 14, 12, 007

Author: Palmer, M.

[illegible]

PERIODICALS: Referativnyi Zhurnal, Natsionalna Akademika Nauk Ukrainy, *Ukrainian Journal of Mathematics*, *Ukrainian Journal of Physics*, *Ukrainian Journal of Chemistry*, *Ukrainian Journal of Biology*, *Ukrainian Journal of Medicine*, *Ukrainian Journal of Law*, *Ukrainian Journal of Economics*, *Ukrainian Journal of History*, *Ukrainian Journal of Literature*, *Ukrainian Journal of Art*, *Ukrainian Journal of Music*, *Ukrainian Journal of Sports*, *Ukrainian Journal of Health*, *Ukrainian Journal of Environment*, *Ukrainian Journal of Education*, *Ukrainian Journal of Social Sciences*, *Ukrainian Journal of Humanities*, *Ukrainian Journal of Natural Sciences*, *Ukrainian Journal of Engineering*, *Ukrainian Journal of Technology*, *Ukrainian Journal of Information Science*, *Ukrainian Journal of Management Science*, *Ukrainian Journal of Business*, *Ukrainian Journal of Finance*, *Ukrainian Journal of Marketing*, *Ukrainian Journal of Public Administration*, *Ukrainian Journal of Political Science*, *Ukrainian Journal of Sociology*, *Ukrainian Journal of Psychology*, *Ukrainian Journal of Psychiatry*, *Ukrainian Journal of Neurology*, *Ukrainian Journal of Dermatology*, *Ukrainian Journal of Ophthalmology*, *Ukrainian Journal of Cardiology*, *Ukrainian Journal of Endocrinology*, *Ukrainian Journal of Immunology*, *Ukrainian Journal of Microbiology*, *Ukrainian Journal of Botany*, *Ukrainian Journal of Zoology*, *Ukrainian Journal of Ecology*, *Ukrainian Journal of Geology*, *Ukrainian Journal of Meteorology*, *Ukrainian Journal of Climatology*, *Ukrainian Journal of Hydrology*, *Ukrainian Journal of Soil Science*, *Ukrainian Journal of Agriculture*, *Ukrainian Journal of Forestry*, *Ukrainian Journal of Fisheries*, *Ukrainian Journal of Aquaculture*, *Ukrainian Journal of Food Science*, *Ukrainian Journal of Nutrition*, *Ukrainian Journal of Food Safety*, *Ukrainian Journal of Food Quality*, *Ukrainian Journal of Food Packaging*, *Ukrainian Journal of Food Preservation*, *Ukrainian Journal of Food Processing*, *Ukrainian Journal of Food Engineering*, *Ukrainian Journal of Food Chemistry*, *Ukrainian Journal of Food Microbiology*, *Ukrainian Journal of Food Biotechnology*, *Ukrainian Journal of Food Packaging Technology*, *Ukrainian Journal of Food Packaging Design*, *Ukrainian Journal of Food Packaging Materials*, *Ukrainian Journal of Food Packaging Machinery*, *Ukrainian Journal of Food Packaging Equipment*, *Ukrainian Journal of Food Packaging Systems*, *Ukrainian Journal of Food Packaging Solutions*, *Ukrainian Journal of Food Packaging Innovation*, *Ukrainian Journal of Food Packaging Research*, *Ukrainian Journal of Food Packaging Development*, *Ukrainian Journal of Food Packaging Application*, *Ukrainian Journal of Food Packaging Case Studies*, *Ukrainian Journal of Food Packaging Best Practices*, *Ukrainian Journal of Food Packaging Standards*, *Ukrainian Journal of Food Packaging Regulations*, *Ukrainian Journal of Food Packaging Certification*, *Ukrainian Journal of Food Packaging Compliance*, *Ukrainian Journal of Food Packaging Auditing*, *Ukrainian Journal of Food Packaging Inspection*, *Ukrainian Journal of Food Packaging Testing*, *Ukrainian Journal of Food Packaging Validation*, *Ukrainian Journal of Food Packaging Verification*, *Ukrainian Journal of Food Packaging Monitoring*, *Ukrainian Journal of Food Packaging Control*, *Ukrainian Journal of Food Packaging Assurance*, *Ukrainian Journal of Food Packaging Confidence*, *Ukrainian Journal of Food Packaging Trust*, *Ukrainian Journal of Food Packaging Reputation*, *Ukrainian Journal of Food Packaging Image*, *Ukrainian Journal of Food Packaging Branding*, *Ukrainian Journal of Food Packaging Marketing*, *Ukrainian Journal of Food Packaging Sales*, *Ukrainian Journal of Food Packaging Distribution*, *Ukrainian Journal of Food Packaging Logistics*, *Ukrainian Journal of Food Packaging Supply Chain*, *Ukrainian Journal of Food Packaging Demand*, *Ukrainian Journal of Food Packaging Forecasting*, *Ukrainian Journal of Food Packaging Analytics*, *Ukrainian Journal of Food Packaging Intelligence*, *Ukrainian Journal of Food Packaging Innovation*, *Ukrainian Journal of Food Packaging Research*, *Ukrainian Journal of Food Packaging Development*, *Ukrainian Journal of Food Packaging Application*, *Ukrainian Journal of Food Packaging Case Studies*, *Ukrainian Journal of Food Packaging Best Practices*, *Ukrainian Journal of Food Packaging Standards*, *Ukrainian Journal of Food Packaging Regulations*, *Ukrainian Journal of Food Packaging Certification*, *Ukrainian Journal of Food Packaging Compliance*, *Ukrainian Journal of Food Packaging Auditing*, *Ukrainian Journal of Food Packaging Inspection*, *Ukrainian Journal of Food Packaging Testing*, *Ukrainian Journal of Food Packaging Validation*, *Ukrainian Journal of Food Packaging Verification*, *Ukrainian Journal of Food Packaging Monitoring*, *Ukrainian Journal of Food Packaging Control*, *Ukrainian Journal of Food Packaging Assurance*, *Ukrainian Journal of Food Packaging Confidence*, *Ukrainian Journal of Food Packaging Trust*, *Ukrainian Journal of Food Packaging Reputation*, *Ukrainian Journal of Food Packaging Image*, *Ukrainian Journal of Food Packaging Branding*, *Ukrainian Journal of Food Packaging Marketing*, *Ukrainian Journal of Food Packaging Sales*, *Ukrainian Journal of Food Packaging Distribution*, *Ukrainian Journal of Food Packaging Logistics*, *Ukrainian Journal of Food Packaging Supply Chain*, *Ukrainian Journal of Food Packaging Demand*, *Ukrainian Journal of Food Packaging Forecasting*, *Ukrainian Journal of Food Packaging Analytics*, *Ukrainian Journal of Food Packaging Intelligence*.

NOTE: The optimum value of frequency in the practically unlimited range to obtain the maximum efficiency factor of a converter, in solving the equation of the circuit in equation (1) and taking into account the effects of the converter in the thermal regime, solving of the transistor in a dynamic converter. There is a frequency minimum in the relation between the total losses and the frequency. For power converters, the total losses lie in the range 1,000-10,000 W, and for low-power converters in the range 1,000-10,000 W. Industry on electricity, Φ_{PNO} (PNAyA). — Author's note: Complete translation.

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